

Title (en)

RESIN COMPOSITION, MOLDED ARTICLE, AND METHOD FOR PRODUCING MOLDED ARTICLE

Title (de)

HARZZUSAMMENSETZUNG, FORMARTIKEL UND VERFAHREN ZUR HERSTELLUNG EINES FORMARTIKELS

Title (fr)

COMPOSITION DE RÉSINE, ARTICLE MOULÉ ET PROCÉDÉ DE PRODUCTION D'ARTICLE MOULÉ

Publication

EP 3543293 A1 20190925 (EN)

Application

EP 17871510 A 20171106

Priority

- JP 2016224765 A 20161118
- JP 2017179715 A 20170920
- JP 2017039902 W 20171106

Abstract (en)

Provided is a resin composition which comprises 100 parts by weight of a polyamide resin comprising a structural unit derived from diamine and a structural unit derived from dicarboxylic acid, in which 70 mol% or more of the structural unit derived from diamine is derived from xylylenediamine, and in which 70 mol% or more of the structural unit derived from dicarboxylic acid is derived from a straight-chain aliphatic α,ω -dicarboxylic acid having 4 to 20 carbon atoms; 3 to 17 parts by weight of an acid-modified polyolefin having an acid modification ratio of 0.3 to 5.0% by weight; and 1 to 15 parts by weight of a compound represented by formula (1), wherein R represents an alkyl group having 1 to 10 carbon atoms, R represents an alkyl group having 2 to 12 carbon atoms, and n represents an integer of 1 to 3.

IPC 8 full level

C08L 77/06 (2006.01); **C08K 5/134** (2006.01); **C08L 23/26** (2006.01)

CPC (source: EP KR US)

B29C 48/15 (2019.02 - US); **B29C 48/154** (2019.02 - EP); **B29C 48/34** (2019.02 - EP); **B29C 48/92** (2019.02 - EP); **B32B 15/088** (2013.01 - EP); **B32B 27/08** (2013.01 - EP US); **B32B 27/308** (2013.01 - EP); **B32B 27/32** (2013.01 - EP); **B32B 27/34** (2013.01 - EP); **C08J 7/04** (2013.01 - KR); **C08K 5/134** (2013.01 - EP); **C08K 5/1345** (2013.01 - KR US); **C08L 23/26** (2013.01 - KR US); **C08L 51/06** (2013.01 - EP); **C08L 77/06** (2013.01 - EP KR US); **G02B 6/02395** (2013.01 - EP); **B29C 48/04** (2019.02 - EP); **B29C 48/05** (2019.02 - EP); **B29C 48/40** (2019.02 - EP); **B29C 2948/92704** (2019.02 - EP); **B32B 2250/03** (2013.01 - EP); **B32B 2262/101** (2013.01 - EP); **B32B 2307/558** (2013.01 - EP); **B32B 2307/7244** (2013.01 - EP); **B32B 2307/732** (2013.01 - EP); **B32B 2307/748** (2013.01 - EP); **C08J 2423/26** (2013.01 - KR); **C08J 2477/06** (2013.01 - KR)

C-Set (source: EP)

C08L 77/06 + **C08K 5/1345** + **C08L 51/06**

Cited by

EP3816230B1; EP3816231B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3543293 A1 20190925; **EP 3543293 A4 20191211**; **EP 3543293 B1 20231115**; **EP 3543293 C0 20231115**; CN 109983079 A 20190705; CN 109983079 B 20210514; JP 2018087319 A 20180607; JP 6911665 B2 20210728; US 11034836 B2 20210615; US 2019352505 A1 20191121

DOCDB simple family (application)

EP 17871510 A 20171106; CN 201780070723 A 20171106; JP 2017179715 A 20170920; US 201716461657 A 20171106